STIC Search Report
EIC 2100

Scientific & Technical Information Center
USPTO

STIC Database Tracking Number: 136948

TO: Carolyn Fleary
Location: RND, 4D71
Art Unit : 2152
Friday, November 05, 2004

Case Serial Number: 09/928347

From: David Holloway
Location: EIC 2100
RND 4B19
Phone: 2-3528

david.holloway@uspto.gov

Search Notes

Dear Examiner Fleary,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David

sira
Search and Information Resources Administration

136948

STIC EIC2100 Search Request

Search requests relating to **published applications, patent families, and litigation** may be submitted by filling out this form and clicking on "Send."

For all other search requests, fill out the form, print, and submit the printout with any attachments to the STIC facility serving your Technology Center.

Enter your Contact Information below:

Name: Carolyn Fleary
Employee Number: 80765 Phone: 571-272-7218
Art Unit or Office: 2152 Building & Room Number: 4d71

Enter the case serial number (Required): 09/928,347
If not related to a patent application, please enter NA here.

What date would you like to use to limit the search?
Priority Date: 08/14/2001 Other Date:

Format preferred for results:
☐ Paper ☐ Diskette ☑ E-mail

Where have you searched so far?:
☑ USP ☐ DWPI ☐ EPO ☐ JPO ☐ ACM ☑ IBM TDB ☐ IEEE ☑ INSPEC
☐ SPI ☐ Other

Is this a "Fast & Focused" Search Request? ☐ Yes ☑ No
A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria, which are posted in EIC2100 and on the NPL Page for TC2100.

What is the topic, novelty, motivation, utility, or other specific detail(s) defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please FAX or send the abstract, background, brief summary, pertinent claims, citations of relevant art you have found, or other supplementary information to EIC2100.

For Foreign Patent Family Searches Only
Include the country name and patent number.

Enter your Search Topic Information below:

Topic: Collaborative Content Programming
Motivation: System that builds content(music, news etc) based on an individuals preference.

Utility: Delivery content to users based on preferences.

Collaborative Content Programming, Channel Content, Dynamic Content Programming
Distribution of content AND Allocation of users to content, Dynamic Playlist,
Digital Content distribution, Content Programming, Content selection,
Customized audience content to their specific preferences.
IP multicasting use on the Internet to stream data on demand to listeners.
User preference content selection, Personalized Content Delivery System,
Content broadcast across Internet, Content distribution to communication channels

Special Instructions and Other Comments:
(For fastest service, let us know the best times to contact you, in case the searcher needs further clarification on your search.)

Press ALT + F, then P to print this screen for your own information.

SEND RESET

```
Set     Items   Description
S1          0   AU=(PRESTONI F? OR PRESTONI, F?)
S2       1114   AU=(WOLF, J? OR WOLF J?)
S3          0   S1 AND S2
S4         12   (S1 OR S2) AND IC=G06F-015?
S5        104   (S1 OR S2) AND (BROADCAST? OR MEDIA? OR WEBCAST? OR MULTIM-
                EDIA? OR NARROWCAST? OR MBONE? OR PUSH OR DELIVER?)
S6         33   S5 AND (FILTER? OR WEIGH? OR SCORE? OR SCORING OR VOTE? OR
                VOTING)
S7          2   S6 AND IC=(H04L? OR G06F?)
S8         13   S4 OR S7
S9         13   IDPAT (sorted in duplicate/non-duplicate order)
S10        10   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)
         (c) 2004 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2004/Oct W04
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041028,UT=20041021
         (c) 2004 WIPO/Univentio
File 350:Derwent WPIX 1963-2004/UD;UM &UP=200470
         (c) 2004  Thomson Derwent
```

10/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015386631 **Image available**
WPI Acc No: 2003-447575/200342
XRPX Acc No: N03-356915

Bandwidth allocation optimizing method for cable TV system, involves providing user access to one allocated communication channel based on comparison result of user preferences

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: PESTONI F; **WOLF J L**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030037144	A1	20030220	US 2001928347	A	20010814	200342	B

Priority Applications (No Type Date): US 2001928347 A 20010814
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030037144	A1		12	G06F-015/173	

Abstract (Basic): US 20030037144 A1

NOVELTY - The bandwidth is dynamically allocated to several communication channels having different instances of content (502). The user preferences of content information is received recursively from the several users. The specific instances of the content are retained, by comparing the users preferences. The user access is allocated to one of the communication channel based on the best match with preferences.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) collaborative content programming system;

(2) electronic-commerce model; and

(3) computer readable medium storing bandwidth allocation optimization program.

USE - For user initiative collaborative content programming used in **broadcast** of information from cable TV system, web distribution system, satellite system, etc.

ADVANTAGE - Provide ability to content provider to maximize bandwidth allocation, increase user loyalty and enable the audience to gain control over the content received through **broadcasting** networks. Also allows user to express their preferences by **voting** on the content they receive, thereby reduces the burden on each user to select desired programming content.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of collaborative content programming system. (Original is of poor quality).

content (502)

pp; 12 DwgNo 5/5

Title Terms: BANDWIDTH; ALLOCATE; OPTIMUM; METHOD; CABLE; TELEVISION; SYSTEM; USER; ACCESS; ONE; ALLOCATE; COMMUNICATE; CHANNEL; BASED; COMPARE ; RESULT; USER
Derwent Class: T01; T05; W02
International Patent Class (Main): **G06F-015/173**
File Segment: EPI

10/5/1 **(Item 1 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

015648010 **Image available**
WPI Acc No: 2003-710193/200367
XRPX Acc No: N03-567776

Web farm controlling method in Internet application, involves routing shareable and non-shareable customer requests to anyone of the servers, and specific servers respectively

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM UK LTD (IBMC)
Inventor: **WOLF J** ; YU P; **WOLF J L** ; YU P S
Number of Countries: 101 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030140143	A1	20030724	US 200257516	A	20020124	200367	B
WO 200363447	A1	20030731	WO 2003GB167	A	20030117	200367	
AU 2003202665	A1	20030902	AU 2003202665	A	20030117	200422	

Priority Applications (No Type Date): US 200257516 A 20020124
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030140143	A1		28	G06F-015/173	
WO 200363447	A1	E		H04L-029/06	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2003202665	A1		H04L-029/06	Based on patent WO 200363447

Abstract (Basic): US 20030140143 A1

NOVELTY - The requests for websites (12a,12b,12c), received from customers are classified into shareable and non-shareable customer requests. The requests are routed selectively by a network dispatcher (14) such that shareable customer requests are routed to any one of the servers (13) and the non-shareable customer requests are routed to specific servers to which specific web sites are assigned.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) recording medium storing web farm controlling program;
(2) web farm; and
(3) web farm controlling apparatus.

USE - For controlling web farm including several websites managed by servers, in Internet applications.

ADVANTAGE - The load on the servers is balanced effectively and optimally. The flexibility of the servers is improved by routing shareable and non-shareable customer requests to servers selectively.

DESCRIPTION OF DRAWING(S) - The figure shows an illustrative view of the web farm.

websites(13) servers (12a,12b,12c)
network dispatcher (14)
pp; 28 DwgNo 1/9

Title Terms: WEB; FARM; CONTROL; METHOD; APPLY; ROUTE; NON; CUSTOMER; REQUEST; SERVE; SPECIFIC; SERVE; RESPECTIVE
Derwent Class: T01
International Patent Class (Main): **G06F-015/173** ; H04L-029/06
File Segment: EPI

```
Set     Items   Description
S1          0   AU=(PRESTONI F? OR PRESTONI, F?)
S2       5448   AU=(WOLF, J? OR WOLF J?)
S3          0   S1 AND S2
S4        424   (S1 OR S2) AND (BROADCAST? OR MEDIA? OR WEBCAST? OR MULTIM-
                EDIA? OR NARROWCAST? OR MBONE? OR PUSH OR DELIVER?)
S5         22   S4 AND (FILTER? OR WEIGH? OR SCORE? OR SCORING OR VOTE? OR
                VOTING)
S6          1   S4 AND COLLABORATIVE?
S7         23   S5 OR S6
S8         21   RD (unique items)
File   2:INSPEC 1969-2004/Oct W4
         (c) 2004 Institution of Electrical Engineers
File   6:NTIS 1964-2004/Oct W4
         (c) 2004 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2004/Oct W4
         (c) 2004 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2004/Oct W4
         (c) 2004 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2004/Oct
         (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2004/Oct W5
         (c) 2004 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2004/Oct W1
         (c)2004 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2004/Jun W1
         (c) 2004 FIZ TECHNIK
File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 04
         (c) 2004 The Gale Group
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Nov 02
         (c) 2004 The Gale Group
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
         (c) 2004 The HW Wilson Co
File  88:Gale Group Business A.R.T.S. 1976-2004/Nov 02
         (c) 2004 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Nov 04
         (c) 2004 The Gale Group
File 674:Computer News Fulltext 1989-2004/Sep W1
         (c) 2004 IDG Communications
File 647:CMP  Computer Fulltext 1988-2004/Oct W4
         (c) 2004 CMP Media, LLC
File 148:Gale Group Trade & Industry DB 1976-2004/Nov 04
         (c)2004 The Gale Group
```

8/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7169146 INSPEC Abstract Number: B2002-03-6210L-045, C2002-03-5620W-025
Title: KARC: radio research
Author(s): Pestoni, F.; **Wolf, J.L.** ; Habib, M.A.; Mueller, A.
Conference Title: Proceedings First International Conference on WEB Delivering of Music. WEDELMUSIC 2001 p.139-46
Editor(s): Nesi, P.; Bellini, P.; Busch, C.
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 2001 Country of Publication: USA 195 pp.
ISBN: 0 7695 1284 4 Material Identity Number: XX-2001-02771
U.S. Copyright Clearance Center Code: 0-7695-1284-4/01/$10.00
Conference Title: Proceedings Fifth International Conference on WEB Delivering of Music. WEDELMUSIC 2001
Conference Sponsor: Eur. Commission, IST, WEDELMUSIC Project; Dipartmento di Sistemi e Informatica, Universita degli Studi di Firenze, Italy; Studie-en Vakbibliotheek voor visueel en anderszins gehandicapten, Dutch Libr. Visually & Print Handicapped Students, SVB,FNB, The Netherlands; Institut de Recherche et de Coordination Acoustique/Musique, IRCAM, France; Casa Ricordi, Italy; Fraunhofer Inst. Comput. Graphics, Dept. - Security Technol. Graphics & Commun. Syst., FHG-IGD, Germany; Inst. Language & Speech Process., Greek; ARTEC Group, Belgium; CESVIT (High Tech Agency, HPCN TTN, recital, ESSI TTN, etc.), Italy; SMF, Music Schools of Fiesole, Italy; SUVIVI ZERBONI, GRUPPO SUGAR, Italy
Conference Date: 23-24 Nov. 2001 Conference Location: Florence, Italy
Language: English
Subfile: B C

Author(s): Pestoni, F.; **Wolf, J.L.** ; Habib, M.A.; Mueller, A.
...Abstract: several selection models for groups of individuals with similar interests in music, video, or other **multimedia** content to jointly customize a distribution channel. Our approach represents a balance between the two most widespread models available today, namely **broadcasting** and individual playback such as CD/DVD players. Using technologies such as data mining, multicasting...

... smart players, our model gives listeners access to automatic shared playlists. This kind of customized **narrowcasting** is especially applicable to distribution of content for which there is high demand for repeat...

... significant advantages to consumers, distribution channels, content owners and advertisers alike. We present the basic **collaborative** content programming algorithms and describe initial experiences with this new paradigm. Specifically, we describe KARC...
...Descriptors: radio **broadcasting** ;
...Identifiers: **multimedia** content...

... **broadcasting** ; ...

...customized **narrowcasting** ; ...

... **collaborative** content programming algorithms

8/3,K/2 **(Item 2 from file: 2)**
DIALOG(R)File 2:INSPEC

5352099 INSPEC Abstract Number: B9610-6430H-007
Title: On optimal batching policies for video-on-demand storage servers
Author(s): Aggarwal, C.C.; **Wolf, J.L.** ; Yu, P.S.
Author Affiliation: Oper. Res. Center, MIT, Cambridge, MA, USA
Conference Title: Proceedings of the International Conference on Multimedia Computing and Systems (Cat. No.96TB100057) p.253-8
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA
Publication Date: 1996 Country of Publication: USA xxii+626 pp.
ISBN: 0 8186 7436 9 Material Identity Number: XX96-01502
U.S. Copyright Clearance Center Code: 0 8186 7436 9/96/$5.00
Conference Title: Proceedings of the Third IEEE International Conference on Multimedia Computing and Systems
Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Multimedia Comput
Conference Date: 17-23 June 1996 Conference Location: Hiroshima, Japan
Language: English
Subfile: B

Author(s): Aggarwal, C.C.; **Wolf, J.L.** ; Yu, P.S.
...Abstract: We refer to this as the MFQ policy. The factored queue length is obtained by **weighting** each video queue length with a factor which is biased against the more popular videos. An optimization problem is formulated to solve the best **weighting** factors for the various videos. A simulation is developed to compare the proposed MFQ policy...
...Descriptors: **multimedia** communication

```
Set     Items   Description
S1    1426265   MEDIA? OR MULTIMEDIA OR AUDIO OR MUSIC OR STREAMING OR VID-
            EO OR VOD OR DOD OR PPV OR CONTENT OR SONG OR FILMS OR MOVIES
            OR CATV OR CABLE()TELEVISION?
S2     439457   WEBCAST? OR NARROWCAST? OR BROADCAST? OR (WEB OR NARROW OR
            BROAD OR MULTI)()(CAST?? OR CASTING) OR MULTICAST? OR WEB()DE-
            LIVER? OR PUSH?
S3    4028551   PROGRAMMING OR PREFER? OR CRITERIA? OR SELECT? OR PERSONAL?
             OR FILTER? OR DECIDE? OR DETERMIN? OR CHOOS?
S4    2004289   COLLABORATI? OR VOTE? OR WEIGH? OR SCORE? OR SCORING OR ME-
            ASUR? OR REITERATIV? OR RECURSIV?
S5        704   S1 AND S2 AND S3 AND S4
S6        203   S1(4N)S2 AND S3 AND S4
S7         12   S6 AND IC=G06F-015?
S8         52   S1(4N)S2(5N)S4 AND S3
S9         12   S8 AND IC=(G06F? OR H04L?)
S10        21   S7 OR S9
S11        21   IDPAT (sorted in duplicate/non-duplicate order)
S12        21   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200470
         (c) 2004  Thomson Derwent
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12/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015682997 **Image available**
WPI Acc No: 2003-745186/200370
Related WPI Acc No: 2003-802962
XRPX Acc No: N03-596910
Asynchronous publication and collaborative **communication system for charitable organizations, has publishing interface and tool kit to develop and download news content of non-vocational interest to** selected **participant**
Patent Assignee: WORTHEN B C (WORT-I)
Inventor: WORTHEN B C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030149725	A1	20030807	US 2001329630	P	20011015	200370 B
			US 2002272517	A	20021015	

Priority Applications (No Type Date): US 2001329630 P 20011015; US 2002272517 A 20021015
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030149725	A1		20	G06F-015/16	Provisional application US 2001329630

Abstract (Basic): US 20030149725 A1
NOVELTY - The system has a publishing interface and a toolkit connected to the Internet and to a website end point sponsored by an organization. The interface and toolkit has a web page template (20) for a team participant (22) of a non-sponsoring organization (24) to develop news content about a non-vocational interest. The news **content** is **selectively** downloaded and **broadcasted** to **selected** participants.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for participant initiated, asynchronous publication and **collaborative** communication among the team of participants using the Internet.
USE - Used for initiating asynchronous publication and **collaborative** communication of participants from a website to charitable organizations.
ADVANTAGE - The system enables effective and efficient publication of news content throughout the system and allows charitable organizations to get better assistances and resources from other organizations.
DESCRIPTION OF DRAWING(S) - The drawing shows an example of the first page of the asynchronous publication and **collaborative** communication system.
Web page template (20)
Team participant (22)
Non-sponsoring organization (24)
pp; 20 DwgNo 2/14
Title Terms: ASYNCHRONOUS; PUBLICATION; COMMUNICATE; SYSTEM; PUBLICATION; INTERFACE; TOOL; KIT; DEVELOP; NEWS; CONTENT; NON; INTEREST; **SELECT** ; PARTICIPATING
Derwent Class: T01; W01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

12/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015418143 **Image available**
WPI Acc No: 2003-480283/200345
XRPX Acc No: N03-381806
Recommendation system e.g. cable television system selects **recommended media presentation event based on instantaneous recommendation value for each event, on request**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)
Inventor: KURAPATI K; SCHAFFER J D; TROVATO K I
Number of Countries: 028 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030061183	A1	20030327	US 2001963245	A	20010926	200345	B
WO 200328368	A1	20030403	WO 2002IB3696	A	20020910	200345	
EP 1433312	A1	20040630	EP 2002762713	A	20020910	200443	
			WO 2002IB3696	A	20020910		
KR 2004041176	A	20040514	KR 2004704330	A	20040325	200460	

Priority Applications (No Type Date): US 2001963245 A 20010926
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030061183	A1		25	G06F-015/18	
WO 200328368	A1	E		H04N-005/445	

Designated States (National): CN JP KR
Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

EP 1433312	A1	E		H04N-005/445	Based on patent WO 200328368

Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

KR 2004041176	A			G06F-017/00	

Abstract (Basic): US 20030061183 A1
NOVELTY - The recommendation function for each media presentation events is calculated and **weighted** , using fuzzy-now function corresponding to the recommendation value for each events at specific time on specific channel. A **selector selects** recommended event based on instantaneous recommendation value, on request.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for recommendation method.
USE - E.g. **cable television** (**CATV**) system, **broadcast** television system.
ADVANTAGE - Since the **personal** schedule of the user is incorporated into recommendation procedure, the **personal preferences** of user is reflected accurately.
DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the relevant functional modules in three-way recommendation system.
pp; 25 DwgNo 9/12
Title Terms: SYSTEM; CABLE; TELEVISION; SYSTEM; **SELECT** ; RECOMMENDED; MEDIUM; PRESENT; EVENT; BASED; INSTANT; VALUE; EVENT; REQUEST
Derwent Class: T01; W03
International Patent Class (Main): **G06F-015/18** ; G06F-017/00; H04N-005/445
File Segment: EPI

12/5/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013227394 **Image available**
WPI Acc No: 2000-399268/200034
XRPX Acc No: N00-299098

Radio broadcast system for providing measurement **of listening audiences of a radio program broadcast through the Internet**

Patent Assignee: RADIOWAVE.COM INC (RADI-N); SUSQUEHANNA MEDIA CO (SUSQ-N)
Inventor: DROSSET J; HANRAHAN J A; KEEBLE L J; MACKINTOSH G B; PRICE E C
Number of Countries: 089 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200022761	A1	20000420	WO 99US23104	A	19991005	200034 B
AU 200017049	A	20000501	AU 200017049	A	19991005	200036
US 20020188746	A1	20021212	US 98172064	A	19981013	200301
			US 200240987	A	20020107	
US 6748427	B2	20040608	US 98172064	A	19981013	200437
			US 200240987	A	20020107	

Priority Applications (No Type Date): US 98172064 A 19981013; US 200240987 A 20020107
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200022761	A1	E	73	H04H-009/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200017049	A			Based on patent WO 200022761
US 20020188746	A1		G06F-015/16	Cont of application US 98172064
US 6748427	B2		G06F-015/16	Cont of application US 98172064

Abstract (Basic): WO 200022761 A1

NOVELTY - A **measurement** server receives a tracking event indicating that a user has logged onto a streaming server and is receiving a rebroadcast signal. The **measurement** server provides an indication that the user is receiving the **broadcast** material. The **streaming** server receives the **broadcast** materials, and rebroadcasts the broadcast material segments to a user through the Internet for playback to a user on a terminal.

DETAILED DESCRIPTION - The terminal is configured to log onto the streaming server and to receive the rebroadcast signal from the streaming server. INDEPENDENT CLAIMS are also included for the following:

(a) an audience **measurement** system;
(b) a method of **measuring** a broadcast materials audience;
(c) a computer program product for use with a computer system;
(d) a program storage device;
(e) and a real time audience **measurement** display for indicating listenership of broadcast materials.

USE - For providing **measurement** of listening audiences of a radio program broadcast through the Internet.

ADVANTAGE - Provides supplemental materials in a coordinated fashion with the broadcast materials such that they relate to the actual broadcast materials as they are being streamed or otherwise delivered to a user. Enables **filtering** or summarizing tracking events by demographic information. Enables storage of tracking event and associated information in a database for historical or archive purposes. Enables retrieving the data from the database to provided listener information to a broadcaster. Provides the tracking event and associated information to a broadcaster in real time so that the broadcaster can get an indication of their listening audience. Enables showing the number of listeners at any given moment.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of

an example architecture for providing supplemental materials in coordination with broadcast materials.

pp; 73 DwgNo 1/20

Title Terms: RADIO; BROADCAST; SYSTEM; **MEASURE** ; LISTENER; AUDIENCE; RADIO ; PROGRAM; BROADCAST; THROUGH

Derwent Class: T01; W01; W02

International Patent Class (Main): **G06F-015/16** ; H04H-009/00

International Patent Class (Additional): H04H-001/02

File Segment: EPI

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Set     Items   Description
S1   12275177   MEDIA? OR MULTIMEDIA OR AUDIO OR MUSIC OR STREAMING OR VID-
             EO OR VOD OR DOD OR PPV OR CONTENT OR SONG OR FILMS OR MOVIES
             OR CATV OR CABLE()TELEVISION?
S2     140559   COLLABORATIV?(N)(FILTER? OR DELIVER?) OR (USER? OR AUDIENC-
             E? OR FELLOW? OR COLLEAG? OR VIEWER? OR LISTENER?)(3N)(RECOMM-
             END? OR VOTE? OR SCORE? OR WEIGHT? OR RANK? OR RATE? OR RATIN-
             G? OR SCORING? OR VOTING)
S3     943455   S1 (4N) (PUSH? OR NARROWCAST? OR BROADCAST? OR DELIVER? OR
             MULTICAST? OR (NARROW OR BROAD OR WEB OR MULTI)()CAST? OR WEB-
             CAST?)
S4        574   S2 (10N) S3
S5       1606   S2 (S) S3
S6        295   S5 (12N) (PUSH? OR NARROWCAST? OR WEBCAST? OR MULTICAST? OR
              (NARROW OR MULTI OR WEB)()CAST?)
S7        395   S2(4N)S3
S8         93   S6 AND S7
S9         94   S7(5N)(PUSH? OR NARROWCAST? OR WEBCAST? OR MULTICAST? OR (-
             NARROW OR MULTI OR WEB)()CAST?)
S10        36   RD (unique items)
S11        33   S10 NOT PY>2001
S12        31   S11 NOT PD>20010814
File 275:Gale Group Computer DB(TM) 1983-2004/Nov 05
         (c) 2004 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2004/Nov 05
         (c) 2004 The Gale group
File  75:TGG Management Contents(R) 86-2004/Oct W4
         (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 05
         (c) 2004 The Gale Group
File  16:Gale Group PROMT(R) 1990-2004/Nov 05
         (c) 2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Nov 05
         (c) 2004 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2004/Oct W5
         (c) 2004 ProQuest
File 613:PR Newswire 1999-2004/Nov 05
         (c) 2004 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Sep
         (c) 2004 The HW Wilson Co
File 696:DIALOG Telecom. Newsletters 1995-2004/Nov 04
         (c) 2004 The Dialog Corp.
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
         (c) 2004 The HW Wilson Co
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Nov 05
         (c) 2004 The Gale Group
File 674:Computer News Fulltext 1989-2004/Sep W1
         (c) 2004 IDG Communications
File  88:Gale Group Business A.R.T.S. 1976-2004/Nov 03
         (c) 2004 The Gale Group
File 369:New Scientist 1994-2004/Oct W4
         (c) 2004 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2004/Nov 05
         (c) 2004 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2004/Nov 05
         (c) 2004 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2004/Nov 04
         (c) 2004  The Gale Group
File  13:BAMP 2004/Oct W3
         (c) 2004  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2004/Nov 01
         (c) 2004 Business Wire.
```

File 647:CMP Computer Fulltext 1988-2004/Oct W4

File 98:General Sci Abs/Full-Text 1984-2004/Sep

File 148:Gale Group Trade & Industry DB 1976-2004/Nov 05

File 634:San Jose Mercury Jun 1985-2004/Nov 04

12/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02092610 SUPPLIER NUMBER: 19682447 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Advice from the Web. (recommendation systems) (includes related articles on the features of recommendation systems, and on personalizing the content of the systems) (Your Personal Internet) (Internet/Web/Online Service Information) (Cover Story)
Dragan, Richard V.; Lidsky, David; Munro, Jay
PC Magazine, v16, n15, p133(7)
Sep 9, 1997
DOCUMENT TYPE: Cover Story ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3585 LINE COUNT: 00294

... multiple recommendation algorithms.
Net Perceptions offers a plug-in for Marimba's Castanet so that **pushed content** can benefit from **collaborative filtering** smarts. In theory, the combination of a recommendation system and push means you'd get ...

12/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08397420 Supplier Number: 71323280 (USE FORMAT 7 FOR FULLTEXT)
Classical Music Internet-Only Webcaster Topped Arbitron Webcast Ratings in December.
Business Wire, p2612
March 7, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1392

... through Scarborough Research, a joint venture of The Arbitron Company and VNU Marketing Information. Arbitron **Webcast Ratings** measures **audiences** of Internet **audio** and **video webcast** channels. TAPSCAN WORLDWIDE(R) offers a host of software services that simplify both data and...

12/3,K/21 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters

00585966
The Oscar Goes to . . . Personalization
Webtrack
December, 1997 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: JUPITER COMMUNICATIONS
LANGUAGE: ENGLISH WORD COUNT: 1147 RECORD TYPE: FULLTEXT

TEXT:
...BackWeb, and Marimba's transmitter. It sits at the server and takes input from the **user** and collects implicit **ratings** of the **content** that's being **pushed** , and it feeds the results back to our recommendation engine. Channel developers can then determine...

```
Set     Items   Description
S1    5123432   MEDIA? OR MULTIMEDIA OR AUDIO OR MUSIC OR STREAMING OR VID-
            EO OR VOD OR DOD OR PPV OR CONTENT OR SONG OR FILMS OR MOVIES
            OR CATV OR CABLE()TELEVISION?
S2      15116   COLLABORATIV?(N)(FILTER? OR DELIVER?) OR (USER? OR AUDIENC-
            E? OR FELLOW? OR COLLEAG? OR VIEWER? OR LISTENER?)(3N)(RECOMM-
            END? OR VOTE? OR SCORE? OR WEIGHT? OR RANK? OR RATE? OR RATIN-
            G? OR SCORING? OR VOTING)
S3      71674   S1 (4N) (PUSH? OR NARROWCAST? OR BROADCAST? OR DELIVER? OR
            MULTICAST? OR (NARROW OR BROAD OR WEB OR MULTI)()CAST? OR WEB-
            CAST?)
S4         24   S2 (10N) S3
S5        147   S2 AND S3
S6         12   S1 AND S2 AND (PUSH?)
S7        156   S6 OR S5
S8        120   RD (unique items)
S9         78   S8 NOT PY>2001
S10        77   S9 NOT PD>20010814
S11        21   S5 AND (PUSH? OR NARROWCAST? OR WEBCAST? OR MULTICAST? OR -
            (NARROW OR MULTI OR WEB)()CAST?)
S12        14   RD (unique items)
S13        23   S12 OR S6
S14        22   RD (unique items)
S15        12   S14 NOT PY>2001
File   8:Ei Compendex(R) 1970-2004/Oct W4
         (c) 2004 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2004/Oct
         (c) 2004 ProQuest Info&Learning
File 202:Info. Sci. & Tech. Abs. 1966-2004/Nov 02
         (c) 2004 EBSCO Publishing
File  65:Inside Conferences 1993-2004/Oct W5
         (c) 2004 BLDSC all rts. reserv.
File   2:INSPEC 1969-2004/Oct W4
         (c) 2004 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2004/Oct W1
         (c)2004 Japan Science and Tech Corp(JST)
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Nov 03
         (c) 2004 The Gale Group
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File   6:NTIS 1964-2004/Oct W4
         (c) 2004 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2004/Oct W4
         (c) 2004 INIST/CNRS
File  34:SciSearch(R) Cited Ref Sci 1990-2004/Oct W5
         (c) 2004 Inst for Sci Info
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
         (c) 2004 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2004/Jun W1
         (c) 2004 FIZ TECHNIK
```

15/3,K/2 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05289976 E.I. No: EIP99054678644
Title: Scalable multicast **feedback**
Author: Boissiere, Guillaume
Corporate Source: MIT Media Lab, Cambridge, MA, USA
Conference Title: Proceedings of the 1998 Multimedia Systems and Applications
Conference Location: Boston, MA, USA Conference Date: 19981102-19981104
E.I. Conference No.: 55042
Source: Proceedings of SPIE - The International Society for Optical Engineering v 3528 1999. p 134-141
Publication Year: 1999
CODEN: PSISDG ISSN: 0277-786X
Language: English

Title: Scalable multicast **feedback**
...Abstract: is easy to know how many people have connected to a given Web site, gathering **ratings** about what **multicast viewers** are watching does not scale, because there could potentially be millions of viewers connected to a **multicast** group. This paper presents a novel scheme at the application level to gather feedback from **multicast** receivers in a scalable way. Our model based on the random sampling of receivers, scales ...
Descriptors: **Multimedia** systems; **Multicasting** ; Feedback; Digital television; World Wide Web
Identifiers: Scalable **multicast** feedback

15/3,K/3 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01863176 ORDER NO: AADAA-I3036755
High performance, scalable web server systems
Author: Tang, Wenting
Degree: Ph.D.
Year: 2001
Corporate Source/Institution: Michigan State University (0128)
Source: VOLUME 62/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 5814. 170 PAGES
ISBN: 0-493-50071-5

...built around the web architecture, web sites have to deal with potentially unlimited number of **users** . Peak **rates** for a web service might be as high as 10 times of the average. Therefore...

...of <italic> multiple replicated web sites</italic>. For a single web server, <italic> Browser Initiated **Pushing** </italic> (BIP) is proposed to improve performance based on the observation that today's typical...

...scheme to collect routing-metric information from routers is proposed.
A framework to support <italic> **Content** -Aware</italic> request distribution in STREAMS-based TCP/IP implementation is developed and prototyped. **Content** -Aware request distribution provides the ability to support partial replication, flexible web site arrangements, Web...

15/3,K/4 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7156284 INSPEC Abstract Number: C2002-02-6130D-014
Title: Model for text collaborative filtering
Author(s): Lin Hong-fei; Wang Jian-feng
Author Affiliation: Dept. of Comput., Dalian Univ. of Technol., China
Journal: Mini-Micro Systems vol.22, no.11 p.1372-4
Publisher: Mini-Micro Syst., China,
Publication Date: Nov. 2001 Country of Publication: China
CODEN: XWJXEH ISSN: 1000-1220
SICI: 1000-1220(200111)22:11L.1372:MTCF;1-G
Material Identity Number: C611-2001-013
Language: Chinese
Subfile: C

Title: Model for text collaborative filtering
...Abstract: influences of the inner and outer classes, this paper presents a recommendatory mechanism that can **push** the related texts to user interface according to the influencing intensity. In addition, the classes..

...efficiency of the filtering. The approach can be applied to text formats and to other **media** , e.g. **video** CDs (VCD), CD-ROMs, images, MP3 **audio** data, software, etc.
...Descriptors: **multimedia** computing
...Identifiers: **multimedia** formats...

... **video** CD...

...MP3 **audio** data

15/3,K/5 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus

02018943 JICST ACCESSION NUMBER: 94A0511914 FILE SEGMENT: JICST-E
Evaluation of multicast **function on ATM access network for multimedia services.**
OKUDA MASATO (1); ISHIHARA TOMOHIRO (1); TANAKA JUN (1); NAKAJIMA ICHIRO (1); YAMASHITA HARUO (1)
(1) Fujitsu Lab. Ltd.
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report (Institute of Electronics, Information and Communication Enginners), 1994, VOL.94,NO.68(CS94 11-26), PAGE.43-50, FIG.12, TBL.7, REF.3
JOURNAL NUMBER: S0532BBG
UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

Evaluation of multicast **function on ATM access network for multimedia services.**
ABSTRACT: **Multicast** function on ATM access networks would be effective for near VOD services which send movies periodically, from the viewpoint that the **multicast** function decreases the load of VOD servers and the trunk networks. In this paper, we evaluate the effectiveness of the **multicast** function with computer simulations introducing the **audience rating** and the program selection ratio. The results shows, the relationship between the effectiveness of the **multicast** function and the distribution of the program selection ratio, the usag rating of the movie programs sent by VOD servers, and the effectiveness of the **multicast** function for **CATV** services. (author abst.)

15/3,K/8 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00471262 97PI09-049
WiseWire.com
Dragan, Richard V
PC Magazine , September 9, 1997 , v16 n15 p142, 144, 2 Page(s)
ISSN: 0888-8507
Company Name: WiseWire
Product Name: WiseWire.com

... product is customized), a recommendation system from WireWire Corp., Pittsburgh, PA (412). The program is **content** -oriented, but uses **collaborative filtering** to determine which sources are best for particular users. Users can subscribe to Wires on numerous topics and **content** is filtered according to their tastes. It offers premium **content** from such sources as the Associated Press as wel 20,000 Usenet newsgroups. The program...

... and it supports both Netscape and Microsoft Web servers. Calls it ``a natural fit with **push** technology.'' Includes one illustration. (djd)
Descriptors: Consumer Information; Online Information; World Wide Web; Newsgroups; Intranets; **Push** Technology

D

15/3,K/9 (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00468152 97PI08-025
Push **back!**
Seymour, Jim
PC Magazine , August 1, 1997 , v16 n14 p93-94, 2 Page(s)
ISSN: 0888-8507

Push **back!**
JIM SEYMOUR column comments on **push** technology. He notes that one of the first leaders in this technology was PointCast which...

... a lot of advertising which consumed bandwidth, but added little value. The latest entry in **push** technology is Internet Explorer 4.0. Its Active Desktop will allow users to have all manner of **content** **delivered** to their it will also make them **push** publishers. This will dramatically increase the amount of **content** coming to PCs and will detract from their purpose as productivity tools. The author **recommends** that **users** evaluate what sort of **content** they really want and pass on the irrelevant parts which will send a message to **push** -carrier firms and **push** - **content** shops. He notes that **push** technology is great for intranet use, to promulgate company-created **content** . (djd)
Descriptors: **Push** Technology; Information Sources; Corporate Information; Intranets; Advertising

15/3,K/10 (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00453043 97PW03-004
Web performance enhancers: don't let them push **you around**
Miastkowski, Stan
PC World , March 1, 1997 , v15 n3 p66-72, 3 Page(s)
ISSN: 0737-8939
Company Name: Traveling Software
Product Name: WebEx

Web performance enhancers: don't let them push **you around**
Presents a buyers' guide to **content** providers for the Web. Says that these `` **push** '' products automatically send Web **content** to the user's PC as soon as it is connected to the Net. Explains...

...times so it is available when the user returns to the PC. Says that the **push** products were difficult to install and require extensive hardware and Internet resources. Pull products are...

... who regularly visit the same Web sites repeatedly and download the same type of information. **Recommends** that **users** have a standard browser as well as a pull product. Because of lack of sophistication and high resource requirements, none of the five **push** products described is recommended. Concludes that the best offline browser was WebEx 2.0 ($49...

15/3,K/12 **(Item 1 from file: 95)**
DIALOG(R)File 95:TEME-Technology & Management

01612387 20020205703
Personalisierte Portale
(Personalised portals)
Schackmann, J; Schue, J
Univ. Augsburg, D; Consileon Business Consultancy, Karlsruhe, D
Wirtschaftsinformatik, v43, n6, pp623-625, 2001
Document type: journal article Language: German
Record type: Abstract
ISSN: 0937-6429

ABSTRACT:
...Arten der Personalisierung unterschieden werden. Die Personalisierung kann entweder von Kunden (Pull) oder vom Anbieter (**Push**) initiiert werden. In beiden Faellen muss der Nutzer identifiziert werden, das geschieht durch das Login...

...muss an einem zentralen Punkt alle personalisierungsrelevanten Daten ueber den Anwender sowie den potenziell anzuzeigenden **Content** zusammenfuehren. Portale lassen sich auf zwei wesentliche Kernbereiche reduzieren: Integration und Personalisierung. Die eigentliche Personalisierung...
...modellierten Contentkategorien. Dabei koennen folgende unterschiedliche Verfahren zum Einsatz kommen: Elektronischer Katalog; Konfigurationsmoeglichkeiten; Contextual Inference; **Collaborative Filtering** ; Data Mining. Wesentliche Unterschiede der Verfahren liegen in der Faehigkeit zur Offline- bzw. Realtime-Verarbeitung...

```
Set     Items   Description
S1     694742   MEDIA? OR MULTIMEDIA OR AUDIO OR MUSIC OR STREAMING OR VID-
             EO OR VOD OR DOD OR PPV OR CONTENT OR SONG OR FILMS OR MOVIES
             OR CATV OR CABLE()TELEVISION?
S2      12386   COLLABORATIV?(N)(FILTER? OR DELIVER?) OR (USER? OR AUDIENC-
             E? OR FELLOW? OR COLLEAG? OR VIEWER? OR LISTENER?)(3N)(RECOMM-
             END? OR VOTE? OR SCORE? OR WEIGHT? OR RANK? OR RATE? OR RATIN-
             G? OR SCORING? OR VOTING)
S3      28950   S1 (4N) (PUSH? OR NARROWCAST? OR BROADCAST? OR DELIVER? OR
             MULTICAST? OR (NARROW OR BROAD OR WEB OR MULTI)()CAST? OR WEB-
             CAST?)
S4         47   S2 (10N) S3
S5         25   S4 AND IC=(G06F? OR H04L?)
S6          8   S5 NOT AD>20010814
S7      16826   S1(10N)((COLLABORATIV?(N)FILTER OR FILTERING OR FILTERS OR
             FILTERED) OR COMMUNITY()KNOWLEDGE?)
S8       9407   S1(4N)((COLLABORATIV?(N)FILTER OR FILTERING OR FILTERS OR -
             FILTERED) OR COMMUNITY()KNOWLEDGE?)
S9         26   S8(5N)(PUSH?)
S10        34   S9 OR S6
S11        27   S10 AND IC=(G06F? OR H04L?)
S12        27   IDPAT (sorted in duplicate/non-duplicate order)
S13        27   IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2004/Oct W05
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041104,UT=20041028
         (c) 2004 WIPO/Univentio
```

13/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00897807 **Image available**
INTERNET BROADCAST SYSTEM
SYSTEME DE DIFFUSION INTERNET
Patent Applicant/Assignee:
SOCIETE EUROPEENNE DES SATELLITES S A, L-6815 Chateau de Betzdorf, LU, LU (Residence), LU (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
KHANG Vu Tien, 28, rue du Couvart, L-1363 Howald, LU, LU (Residence), FR (Nationality), (Designated only for: US)
Legal Representative:
ZANGS Rainer (et al) (agent), Hoffmann . Eitle, Arabellastrasse 4, 81925 Munich, DE,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200232025 A1 20020418 (WO 0232025)
Application: WO 2000EP9894 20001009 (PCT/WO EP0009894)
Priority Application: WO 2000EP9894 20001009
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6468

...International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description

Detailed Description
... people and
deserves priority to be webcast.

This voting mechanism is used to carry the **vote** from the end **user** back to the **voting** aggregator (usually his Internet Service Provider) to influence the **webcasting** **content** . It also carries the hit-reporting for successfully visited web pages. As such, its use...

13/3,K/8 **(Item 8 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00870999 **Image available**
DELIVERING MULTIMEDIA DESCRIPTIONS
DISTRIBUTION DE DESCRIPTIONS MULTIMEDIA
Patent Applicant/Assignee:
CANON KABUSHIKI KAISHA, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, JP , JP (Residence), JP (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WAN Ernest Yiu Cheong, 2A Wilshire Avenue, Carlingford, NSW 2118, AU, AU (Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
SPRUSON & FERGUSON (agent), GPO Box 3898, Sydney, NSW 2001, AU,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200205089 A1 20020117 (WO 0205089)
Application: WO 2001AU799 20010705 (PCT/WO AU0100799)
Priority Application: AU 20008677 20000710
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7514

Main International Patent Class: **G06F-009/45**
International Patent Class: **G06F-015/16** ...

... **G06F-017/00** ...

... **G06F-017/30** ...

... **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... 7 "pull", or retrieval applications, involve client access to databases and audio-visual archives. The " **push** " applications are related to **content** selection and **filtering** and are used in broadeasting, and the emerging concept of "webcasting", in which media, traditionally...

13/3,K/15 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00805480 **Image available**
AUDIO REQUEST INTERACTION SYSTEM
SYSTEME INTERACTIF POUR DEMANDE DE PRODUITS AUDIO
Patent Applicant/Assignee:
RADIANT SYSTEMS INC, 3925 Brookside Parkway, Alpharetta, GA 30022, US, US (Residence), US (Nationality)
Inventor(s):
FINLEY Michael C, 3860 Saint Elisabeth Square, Duluth, GA 30096, US,
DUDGEON Michael, 3724 Somerset Ridge, Kennesaw, GA 30144, US,
SMITH Lehman Zellosis, 1300 Elk Ridge Cove, Alpharetta, GA 30005, US,
WADE John, 115 Hedge Lawn Trail, Alpharetta, GA 30004, US,
GRIFFIN David, 440 Old Creek Road, Atlanta, GA 30342, US,
MCCAW David Edward Jr, 1660 Peachtree Street #3205, Atlanta, GA 30309, US ,
FORTUNA James Lee, 4125 Christacy Way, Marietta, GA 30066, US,
Legal Representative:
KIRSCH Gregory J (et al) (agent), Needle & Rosenberg, P.C., Suite 1200, The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139070 A1 20010531 (WO 0139070)
Application: WO 2000US31510 20001116 (PCT/WO US0031510)
Priority Application: US 99166965 19991123
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9055

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... immediate link between the consumer and a range of retailers, advertisers and other suppliers of **broadcast content** . Benefits for the **broadcast** stations are many, including a source of demographic information about **listeners** and response **rates** , increased advertising revenues from greater customer response, and an overall improvement in response rate to...

13/3,K/18 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00796480 **Image available**
SECURE INTERNET COMPATIBLE BI-DIRECTIONAL COMMUNICATION SYSTEM AND USER INTERFACE
SYSTEME ET INTERFACE UTILISATEUR POUR UNE COMMUNICATION BIDIRECTIONNELLE SECURISEE COMPATIBLE AVEC INTERNET

Patent Applicant/Assignee:
THOMSON LICENSING S A, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex , FR, FR (Residence), FR (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
JACKSON Robert Edward, 69 Carriage Lake Drive, Brownsburg, IN 46112, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
TRIPOLI Joseph S (et al) (agent), Thomson Multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200130009 A2-A3 20010426 (WO 0130009)
Application: WO 2000US28344 20001013 (PCT/WO US0028344)
Priority Application: US 99159788 19991015; US 2000567530 20000509
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8929

Main International Patent Class: **H04L-029/06**
International Patent Class: **H04L-012/22**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... rating for parental or other blocking control, (b) predetermined User preferences for targeting advertisements and " **push - content** ", (c) firewall **filtering** , (d) identity of source, and (e) a data search function. The filtered Ethernet compatible serial...rating for parental or
other blocking control, (b) predetermined User preferences for targeting advertisements and " **push - content** ", (c) firewall **filtering** , (d) identity of source or destination@, and (e) a data search function. Alternatively, the web...

Claim
... rating for parental or
other blocking control, (b) predetermined User preferences for targeting advertisements and " **push - content** ", (c) firewall **filtering** , (d) identity of source or destination, and (e) a data search function.

5 A method...

...rating for parental or
other blocking control, (b) predetermined User preferences for targeting advertisements and " **push - content** ", (c) firewall **filtering** , (d) identity of source or destination, and (e) a data search function.

16 A method...

```
Set     Items   Description
S1    1426265   MEDIA? OR MULTIMEDIA OR AUDIO OR MUSIC OR STREAMING OR VID-
            EO OR VOD OR DOD OR PPV OR CONTENT OR SONG OR FILMS OR MOVIES
            OR CATV OR CABLE()TELEVISION?
S2       5299   COLLABORATIV?(N)(FILTER? OR DELIVER?) OR (USER? OR AUDIENC-
            E? OR FELLOW? OR COLLEAG? OR VIEWER? OR LISTENER?)(3N)(RECOMM-
            END? OR VOTE? OR SCORE? OR WEIGHT? OR RANK? OR RATE? OR RATIN-
            G? OR SCORING? OR VOTING)
S3      66590   S1 AND (PUSH? OR NARROWCAST? OR BROADCAST? OR DELIVER? OR -
            MULTICAST? OR (NARROW OR BROAD OR WEB OR MULTI)()CAST? OR WEB-
            CAST?)
S4        182   S2 AND S3
S5         90   S4 AND IC=(G06F? OR H04L?)
S6         49   S5 NOT AD>20010814
S7      22681   S1(5N)(PUSH? OR NARROWCAST? OR BROADCAST? OR DELIVER? OR M-
            ULTICAST? OR (NARROW OR BROAD OR WEB OR MULTI)()CAST? OR WEBC-
            AST?)
S8         27   S6 AND S7
S9         27   IDPAT (sorted in duplicate/non-duplicate order)
S10        26   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200470
         (c) 2004  Thomson Derwent
```

10/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015433997 **Image available**
WPI Acc No: 2003-496139/200347
XRPX Acc No: N03-394301
Viewer participating broadcast **system for television** broadcasting , **has** broadcast **device to** broadcast **questionnaire relevant to TV program as data-** broadcasting content **when TV program is a** broadcast
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2003009127	A	20030110	JP 2001193198	A	20010626	200347	B

Priority Applications (No Type Date): JP 2001193198 A 20010626
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003009127	A		10	H04N-007/173	

Abstract (Basic): JP 2003009127 A
NOVELTY - A **broadcasting** -station side **content broadcast** device is provided to **broadcast** the questionnaire relevant to the TV program as data- **broadcasting content** when the TV program is a **broadcast** . A viewer side display device displays the data- **broadcasting content** of the questionnaire combined with the TV program.
DETAILED DESCRIPTION - A viewer side reply device replies to the displayed questionnaire. A viewer side data reflection device makes the reply result reflect in the data- **broadcasting content** after the next time of the TV program.
USE - For making viewer participate in TV program.
ADVANTAGE - Increases **audience rating** with respect to TV program by providing questionnaire to be answered by audience.
DESCRIPTION OF DRAWING(S) - The figure is a block diagram showing the viewer participating **broadcast** system. (Drawing includes non-English language text)
pp; 10 DwgNo 5/10
Title Terms: VIEW; PARTICIPATING; **BROADCAST** ; SYSTEM; TELEVISION; **BROADCAST** ; **BROADCAST** ; DEVICE; **BROADCAST** ; QUESTIONNAIRE; RELEVANT; TELEVISION; PROGRAM; DATA; **BROADCAST** ; **CONTENT** ; TELEVISION; PROGRAM; **BROADCAST**
Derwent Class: T01; W02
International Patent Class (Main): H04N-007/173
International Patent Class (Additional): **G06F-013/00** ; **G06F-017/60**
File Segment: EPI

10/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015144800 **Image available**
WPI Acc No: 2003-205327/200320
XRPX Acc No: N03-163777
Data delivery **system has management center which** delivers **stored** video , audio , **web and published data to user terminal based on approval rating for each data and user information**
Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2003032661	A	20030131	JP 2001216114	A	20010717	200320	B

Priority Applications (No Type Date): JP 2001216114 A 20010717
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003032661	A		4	H04N-007/173	

Abstract (Basic): JP 2003032661 A
NOVELTY - A management center (30) stores **video** data, **audio** data, web data, published data and approval rating for each data. The management center **delivers** the stored data to the user terminal (10) through public network (20) or internet depending on approval **rating** and **user** information.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for recorded medium storing data **delivery** program.
USE - Data **delivery** system.
ADVANTAGE - Provides digital **content** with high approval **rating** to the **user** .
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of data **delivery** system. (Drawing includes non-English language text).
user terminal (10)
public network (20)
management center (30)
pp; 4 DwgNo 1/1
Title Terms: DATA; **DELIVER** ; SYSTEM; MANAGEMENT; **DELIVER** ; STORAGE; **VIDEO** ; **AUDIO** ; WEB; DATA; USER; TERMINAL; BASED; APPROVE; RATING; DATA; USER; INFORMATION
Derwent Class: T01; W02
International Patent Class (Main): H04N-007/173
International Patent Class (Additional): **G06F-017/30** ; **G06F-017/60** ; H04N-017/00
File Segment: EPI

10/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015047586 **Image available**
WPI Acc No: 2003-108102/200310
XRPX Acc No: N03-086624
Internet based content **distribution method, involves computing** audience rating **with respect to** delivered content **and total payment amount based on which remuneration amount to be paid to author of each** content **is computed**
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002352028	A	20021206	JP 2001158219	A	20010528	200310 B

Priority Applications (No Type Date): JP 2001158219 A 20010528
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002352028	A		16	G06F-017/60	

Abstract (Basic): JP 2002352028 A
NOVELTY - **Audience rating** with respect to each **content delivered** to user and total amount of payment from user are computed by a management apparatus (100). The remuneration amount to be paid to author of each **content** is computed based on computed **audience rating** and total amount of payment obtained from user for each **content** .
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:
(1) **Content** distribution system; and
(2) **Content** distribution apparatus.
USE - For distributing **content** through internet.
ADVANTAGE - Enables easy distribution of **content** as billing process for every **delivery** of **content** is made unnecessary.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **content** distribution system. (Drawing includes non-English language text).
Management apparatus (100)
pp; 16 DwgNo 1/16
Title Terms: BASED; **CONTENT** ; DISTRIBUTE; METHOD; COMPUTATION; AUDIENCE; RATING; RESPECT; **DELIVER** ; **CONTENT** ; TOTAL; PAY; AMOUNT; BASED; AMOUNT; PAY; **CONTENT** ; COMPUTATION
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

10/5/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014685911 **Image available**
WPI Acc No: 2002-506615/200254
XRPX Acc No: N02-400791

Computer implemented user interest profile generation method for information content **push system, involves generating user interest profile based on access information obtained by analyzing received requests**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: EICHSTAEDT M; LU Q; TENG S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6385619	B1	20020507	US 99227117	A	19990108	200254	B

Priority Applications (No Type Date): US 99227117 A 19990108
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6385619	B1		7	G06F-017/30	

Abstract (Basic): US 6385619 B1

NOVELTY - The received users requests for selection of portions of structured documents are analyzed to determine access information comprising accessed document categories and interest **scores** . A **user** interest profile comprising a set of weights corresponding to a set of interest categories is generated, based on the access information and customized information relevant to the profile is selected.

USE - For generating user interest profile for use in information **content push** systems and other information systems that provide customized information to the user, based on personal profile.

ADVANTAGE - Measures the user's stable interest accurately, and automatically generates user profiles, based on the type of **content** viewed, determined from classifications and categorizations of the **content** . The user community does not have to learn new rules to customize the **pushed** information stream.

DESCRIPTION OF DRAWING(S) - The figure shows a taxonomy tree with six leaf categories.

pp; 7 DwgNo 1/2

Title Terms: COMPUTER; IMPLEMENT; USER; INTEREST; PROFILE; GENERATE; METHOD ; INFORMATION; **CONTENT** ; **PUSH** ; SYSTEM; GENERATE; USER; INTEREST; PROFILE; BASED; ACCESS; INFORMATION; OBTAIN; RECEIVE; REQUEST
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

10/5/13 **(Item 13 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

014656541 **Image available**
WPI Acc No: 2002-477245/200251
XRPX Acc No: N02-377048

Program table provision system has program table production unit that registers list of programs advertisement content **that are classified according to viewer's preference, in program table that is browsed by viewer**

Patent Assignee: KYODO PRINTING CO LTD (KYOH)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002152712	A	20020524	JP 2000346998	A	20001114	200251	B

Priority Applications (No Type Date): JP 2000346998 A 20001114
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002152712	A		8	H04N-007/173	

Abstract (Basic): JP 2002152712 A

NOVELTY - A program table production unit registers list of programs and the advertisement **content** provided by a **broadcasting** station and an advertiser in a program table, after classifying programs and advertisement **content** according to viewer's preference. The viewer browses the program table by accessing specified website.

USE - For providing program table including list of **broadcast** programs and advertisement **content** to viewers.

ADVANTAGE - Facilitates improvement in **audience rating** by **broadcasting** a high quality program according to viewer's preference.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of procedure for changing display of program table. (Drawing includes non-English language text).

pp; 8 DwgNo 4/7

Title Terms: PROGRAM; TABLE; PROVISION; SYSTEM; PROGRAM; TABLE; PRODUCE; UNIT; REGISTER; LIST; PROGRAM; ADVERTISE; **CONTENT** ; CLASSIFY; ACCORD; VIEW; PREFER; PROGRAM; TABLE; VIEW
Derwent Class: T01
International Patent Class (Main): H04N-007/173
International Patent Class (Additional): **G06F-013/00** ; **G06F-017/30** ; H04N-017/00
File Segment: EPI

10/5/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014637668 **Image available**
WPI Acc No: 2002-458372/200249
XRPX Acc No: N02-361493

Advertisement evaluation information collection method involves collecting replies from viewers for transmitted questionnaire

Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002109139	A	20020412	JP 2000304292	A	20001004	200249	B

Priority Applications (No Type Date): JP 2000304292 A 20001004
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002109139	A		8	G06F-017/60	

Abstract (Basic): JP 2002109139 A

NOVELTY - A questionnaire for evaluating **broadcast content** and advertisement, is downloaded and displayed to a viewer (1) through internet (4). The replies for the questionnaire are collected from the viewer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for advertisement evaluation information collection system.

USE - For evaluating **audience rating** for **broadcast content** and advertisement through internet.

ADVANTAGE - Enables precise collection of evaluation information about **broadcast** advertisement, without using exclusive hardware.

DESCRIPTION OF DRAWING(S) - The figure shows the outline of advertisement evaluation information collection system. (Drawing includes non-English language text).

Viewer (1)
Internet (4)
pp; 8 DwgNo 1/6

Title Terms: ADVERTISE; EVALUATE; INFORMATION; COLLECT; METHOD; COLLECT; REPLY; VIEW; TRANSMIT; QUESTIONNAIRE
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): **G06F-017/40**
File Segment: EPI

10/5/16 **(Item 16 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

014511049 **Image available**
WPI Acc No: 2002-331752/200237
XRPX Acc No: N02-260477

Music **sequence generation method for electronic** music **distribution services, involves combining sequence coherence and user profile obtained from respective systems**

Patent Assignee: SONY FRANCE SA (SONY); CAZALY D (CAZA-I); PACHET F (PACH-I)
Inventor: CAZALY D; PACHET F
Number of Countries: 027 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1170722	A1	20020109	EP 2000401915	A	20000704	200237	B
US 20020002897	A1	20020110	US 2001897243	A	20010702	200237	
JP 2002117069	A	20020419	JP 2001203929	A	20010704	200243	
US 6452083	B2	20020917	US 2001897243	A	20010702	200264	

Priority Applications (No Type Date): EP 2000401915 A 20000704
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1170722	A1	E	15	G10H-001/00	
US 20020002897	A1			G10H-001/26	
JP 2002117069	A		11	G06F-017/30	
US 6452083	B2			A63H-005/00	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): EP 1170722 A1

NOVELTY - A sequence of items is incrementally generated from a database by implementing a combination of both sequence coherence and user profile obtained respectively from sequence completion system and user profile system.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) **User recommendation** system implementing method;

(b) Interactive radio station;

(c) **Music** sequence generating system;

(d) Computer program product storing **music** sequence generation program

USE - For use in electronic **music** distribution (EMD) services, internet adaptive or interactive radio, digital **audio broadcasting** with intelligent scheduling, **music** recommendation system, etc., to compute **music** sequences in variety of context and situation.

ADVANTAGE - Provides the user with increasingly accurate choice of test items in the sequence, hence provides a better anticipation of the successive items of the sequence, that satisfy the tastes of the user interactively.

DESCRIPTION OF DRAWING(S) - The figure shows an overall data flow of incremental sequence completion method.

pp; 15 DwgNo 2/3

Title Terms: **MUSIC** ; SEQUENCE; GENERATE; METHOD; ELECTRONIC; **MUSIC** ; DISTRIBUTE; SERVICE; COMBINATION; SEQUENCE; COHERE; USER; PROFILE; OBTAIN ; RESPECTIVE; SYSTEM
Derwent Class: P36; P86; T01; W04
International Patent Class (Main): A63H-005/00; **G06F-017/30** ; G10H-001/00; G10H-001/26
International Patent Class (Additional): G04B-013/00; G10H-007/00; G10K-015/02
File Segment: EPI; EngPI

10/5/22 **(Item 22 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

013980399 **Image available**
WPI Acc No: 2001-464613/200150
XRPX Acc No: N01-344608
Content **item referral system has action analysis sub-system which receives user action behaviors and provides user profile data to referral sub-system**
Patent Assignee: AGENTARTS INC (AGEN-N); AGENT ARTS INC (AGEN-N)
Inventor: HOSKEN B E
Number of Countries: 029 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200106398	A2	20010125	WO 2000US19261	A	20000714	200150	B
AU 200059349	A	20010205	AU 200059349	A	20000714	200150	
EP 1200902	A2	20020502	EP 2000945399	A	20000714	200236	
			WO 2000US19261	A	20000714		
US 6438579	B1	20020820	US 99144377	P	19990716	200257	
			US 2000616474	A	20000714		
JP 2003522993	W	20030729	WO 2000US19261	A	20000714	200358	
			JP 2001511584	A	20000714		

Priority Applications (No Type Date): US 99144377 P 19990716; US 2000616474 A 20000714
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200106398	A2	E	42	G06F-017/00	
Designated States (National): AU CA JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 200059349	A			G06F-017/00	Based on patent WO 200106398
EP 1200902	A2	E		G06F-017/00	Based on patent WO 200106398
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6438579	B1			G06F-015/16	Provisional application US 99144377
JP 2003522993	W		43	G06F-017/30	Based on patent WO 200106398

Abstract (Basic): WO 200106398 A2

NOVELTY - An action analysis sub-system (68) receives user action behaviors correlated to **content** items considered by the user, to provide user profile data. A referral sub-system (62) traverses **user** profile data and **weighted** relationship data from sub-systems (54,56) for providing ordered list of **content** items relative to preset **content** item.

DETAILED DESCRIPTION - Weighted relation sub-systems (54,56) provides weighted relationship data representing relative similarities between characteristic attributes of preset set of **content** items. A referral sub-system (62) receives **user** profile data and **weighted** relationship data, responsive to user query, to perform traversal of **user** profile data and **weighted** relationship data for providing ordered list of **content** items relative to preset **content** item.

INDEPENDENT CLAIMS are also included for the following:

(a) **Media content** recommendation providing method;

(b) **Content** referred server system

USE - For selection of source **content** such as entertainment oriented **media** items e.g. **music** , books, videos.

ADVANTAGE - Enables combining **content** based filtering and progressively refined collaborative based filtering to **deliver** a set of **media** item recommendations that are consistent with a user's person **media content** interests. Enables transmitting recommendations that are tailored to personalized interests of user. Determine scope of applicable similarities between particular and other **users** flexibly and **recommends** items within applicable scope. Enables capturing multilevel **media content** relationship information used to provide recommendations.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of

personalized referral system.
Sub-systems (54,56,62,68)
pp; 42 DwgNo 2/7
Title Terms: **CONTENT** ; ITEM; SYSTEM; ACTION; ANALYSE; SUB; SYSTEM; RECEIVE ; USER; ACTION; USER; PROFILE; DATA; SUB; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-015/16** ; **G06F-017/00** ; **G06F-017/30**
International Patent Class (Additional): **G06F-017/60**
File Segment: EPI

10/5/24 **(Item 24 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

013883618 **Image available**
WPI Acc No: 2001-367831/200138
Related WPI Acc No: 2002-712621
XRPX Acc No: N01-268336

Interactive content **item evaluation for computer network, involves assigning quality rating to** content **item based on weightings of evaluation provided by individual users**

Patent Assignee: HIGH REGARD INC (HIGH-N)
Inventor: LITZINGER B E; MARSO L S
Number of Countries: 093 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200141014	A1	20010607	WO 2000US32159	A	20001127	200138	B
AU 200119274	A	20010612	AU 200119274	A	20001127	200154	

Priority Applications (No Type Date): US 200072366 6 A 20001127; US 99167594 P 19991126
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200141014	A1	E	117	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200119274	A			G06F-017/60	Based on patent WO 200141014

Abstract (Basic): WO 200141014 A1

NOVELTY - A **content** item provided by one of users is disseminated to number of individual users (110,120,130). The evaluations of **content** item is received from individual **user** . The quality **rating** is assigned to the **content** item based on the weightings of the evaluations provided by the individual users.

USE - For providing interactive evaluation of **content** item disseminated over computer network.

ADVANTAGE - The **content** item is properly rated based on weighting of evaluations to predict best item of **content** to **deliver** next to the particular user. The interactive evaluations is provided as alternative structure for decentralized interaction among users on wide area networks. Enables user to collect accurate information and meaningful opinion based on evaluation of **content** item.

DESCRIPTION OF DRAWING(S) - The figure shows the network, various uses of network and network server.

Individual users (110,120,130)

pp; 117 DwgNo 1/20

Title Terms: INTERACT; **CONTENT** ; ITEM; EVALUATE; COMPUTER; NETWORK; ASSIGN ; QUALITY; RATING; **CONTENT** ; ITEM; BASED; WEIGHT; EVALUATE; INDIVIDUAL; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

10/5/26 (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012142887 **Image available**
WPI Acc No: 1998-559799/199848
XRPX Acc No: N98-436572

Transmission system for push **type internet data** broadcasting **- takes** audience ratings **for data periodically, allocates resources and formats data accordingly; high rating invokes** broadcasting **of data; low rating means data is transmitted over communications network**

Patent Assignee: SONY CORP (SONY)
Inventor: YAMAGISHI Y
Number of Countries: 027 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 876029	A2	19981104	EP 98107759	A	19980428	199848	B
JP 10303983	A	19981113	JP 97112181	A	19970430	199905	
US 6370143	B1	20020409	US 9869674	A	19980429	200227	
JP 3498887	B2	20040223	JP 97112181	A	19970430	200416	

Priority Applications (No Type Date): JP 97112181 A 19970430
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 876029	A2	E	28	H04L-012/18	
	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 10303983	A		19	H04L-012/56	
US 6370143	B1			H04L-012/28	
JP 3498887	B2		18	H04L-012/18	Previous Publ. patent JP 10303983

Abstract (Basic): EP 876029 A

The system employs both a unidirectional **broadcast** network (4) and a bi-directional communications network (6) between receiver (5) and transmitter (2). The transmitter sends updated data to the distributed user databases from the central database (1,3). Transmission resources are allocated to this dependent on the demand for certain sets of data; i.e. **audience rating** , this **rating** is taken periodically.

Data with high **audience rating** is more efficiently distributed by **broadcasting** it over the **broadcast** network to all users, whereas data with a low rating can be targeted to specific users by means of the communications network. The data is therefore transmitted in one of two possible formats dependent on its **audience rating** .

USE - Data distribution to several databases using Internet protocol **multicast** technique. Employed on **broadcast** systems such as satellite lines; **CATV** networks and ground waves, and communication networks e.g. PSTN, ISDN, internet.

ADVANTAGE - Enables quick and efficient distribution of data.

Dwg.1/15

Title Terms: TRANSMISSION; SYSTEM; **PUSH** ; TYPE; DATA; **BROADCAST** ; AUDIENCE; RATING; DATA; PERIOD; ALLOCATE; RESOURCE; FORMAT; DATA; ACCORD; HIGH; RATING; **BROADCAST** ; DATA; LOW; RATING; DATA; TRANSMIT; COMMUNICATE ; NETWORK
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